

NPIC/D-191-66

31 AUG 1966

MEMORANDUM FOR: DDI Planning Officer

25X1A SUBJECT: [REDACTED] Contract  
Phase II

This memorandum is in response to the specific questions you asked in reviewing our request for approval to negotiate with [REDACTED] for Phase II (Detailed Systems Design) of our Integrated Information System for NPIC.

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25X1A 1. The total cost of the [REDACTED] contract for FY 67 and 68 is essentially covered in the NPIC's overall budget. A portion of the FY 67 funds [REDACTED] is under the Research and Development (R&D) Program; another [REDACTED] has been programmed under the operational budget of the Information Processing Division (IPD). Joint funding for FY 68 is also available with [REDACTED] under the R&D budget and [REDACTED] under the budget of IPD. These budget estimates are based on the contractor's rough estimates for Phases III and IV, and not our negotiated price. Further, they do not take into account current and possible future slippage in the schedule. The NPIC also feels that several of the contractor's specific fund projections may be high. For example, the extent of contractual programming support and hardware design required can only be determined after completion of detailed design specifications.

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2. The contractor's estimate of equipment needs is for projected 1970-74 peak load conditions. Phase I primarily addressed itself to the concept for the system with only a cursory look at potential equipments, which is really a major concern of the detailed design that will result from Phase II. Therefore, the specific annual cost and amortization of equipment cannot be determined at this point. For example, the question of purchase vs. rental of certain equipments will be resolved during Phase II.

3. The 2:1 increase in PI productivity is based on P. I. statements that one image per hour can be read out as opposed to the [REDACTED] feeling that under their system fourteen targets per day or two per hour

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25X1A can be read out, and the assumption that a PI can spend seven hours per day in productive readout. This premise has not been verified through any testing or detailed statistical analysis. Nevertheless, based on the assumed 2:1 increase in PI productivity and the projected increase in imagery collection, [REDACTED] estimates a need for 350 PI's by FY 72 - 74, for Mission Exploitation alone vs. NPIC's estimate of 282.

25X1A 4. The [REDACTED] statement regarding 112 people for IPD is concerned with the IIS only and does not consider the Management Information System functions, Minicard, or any of the clerical or supporting staffs. Therefore, this figure should not be interpreted as representing the total personnel needs of IPD. In fact, the Center is attempting to build an in-house systems analyst and computer programming capability so that less such support will be required of [REDACTED] with a corresponding reduction in cost.

25X1A 5. The additional space required for the proposed IIS is estimated at 2,905 square feet, of which 1,200 square feet would be in IPD (for maintenance), and 1,705 square feet would be distributed throughout the building for consoles, printers, etc. IPD currently occupies approximately 19,000 square feet. The additional space requirements are trivial in comparison with the space requirements for additional imagery interpreters and their equipment.

6. Continuation with Phase II of the program has been fully coordinated with OCS and ORD, and has the enthusiastic support of [REDACTED] of ORD. Coordination with OCR has not been effected to date. The contractor has been provided the CHIVE design studies and is aware of the necessity to interface with the CHIVE system. It was felt that detailed coordination with OCR would not be necessary until the development of detailed specifications was undertaken, since the concepts do not involve the OCR/NPIC division of effort.

25X1A 7. The [REDACTED] estimated annual operating costs for the IIS, which do not include costs of supplies, during FY 69 - 74 are covered by IPD's budget projections.

8. The input to the data base will be handled in a variety of ways and by various organizational elements within the Center. It is too early in the program to determine the details of the impact on total Center

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personnel, but hopefully, the manpower projections in the 5-year plan will be adequate. The potential savings in efficiency through the IIS and a concerted human factors program will tend to level out the manpower projections.

[REDACTED]

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Assistant for Planning and Management

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